



New type 800x800 roller crusher

Purpose of the crusher:

The type 800x800 roller crusher is used to crush sieve residue from the raw material granulation process. The raw materials can be fed into the crusher and received using conveyors or chutes. The feed should be free of metal inclusions. It is recommended to install a magnetic separator in the place where the material enters the crusher.

Technical specification:

- max. capacity	- up to 20 t/h
- roller diameter	- Ø800 mm
- roller length	- 800 mm
- max. size of the feed	- up to 100 mm
- slot adjustment scope	- 2 to 10 mm
- crusher's drive power	- 2x30 kW
- mass	- 9000 kg

TECHNICAL DESCRIPTION:

General design:

The material to be crushed must be fed into the crusher via a continuous belt conveyor. The raw material enters between the rollers where it is crushed into fractions according to the set slot size. The roller shells are smooth with wear-resistant diamond-shaped padding weld. The shafts are propelled via two motor reducers which cause the shafts and rollers to rotate in opposite directions. Reaction arms secure the shafts and rollers and motor reducers against rotating. It is possible to adjust the slot between rollers in the range from 5 to 10 mm using the hydraulic system which also secures the machine against overload. After being crushed, the material leaves the crusher via the bottom outlet slot. This crusher is characterized by state-of-the-art design which follows the latest trends in the development of similar machines around the world. The crusher is equipped with a slot measurement detector which enables the slot's setting and size to be remotely controlled, e.g. from the central control room. The crusher will be explosion-proof according to the Atex norm, i.e. the crusher's body will be resistant to any internal explosion with 8 bar pressure, and any electric machinery installed on the crusher and electric motors will meet the ATEX requirements. We do not provide security against the explosion's transfer through the inlet and outlet of the machine.

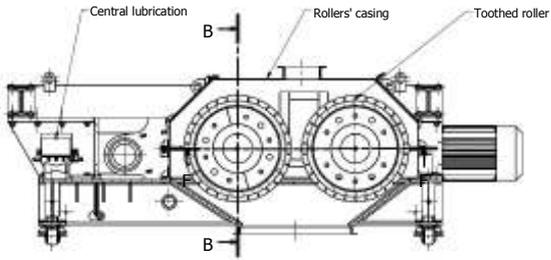


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Outline of the roller crusher

A-A (1 : 20)



B-B (1 : 20)

